<u>**Amendments to the Claims:**</u>

This listing of claims will replace all prior versions, and listings, of claims in the application:

<u>**Listing of Claims:**</u>

1. (Original) A method in a data processing system for providing host information, the method comprising:

    receiving a request for host information for a remote computer from a requestor wherein the request includes one of a host name or an Internet Protocol address and is received from the requestor;

    identifying a media access control address and a subnet mask using the request; and

    returning a response to the requestor, wherein the response includes the media access control address and the subnet mask.

2. (Original) The method of claim 1, wherein the requestor generates a wake-up packet using the host information and sends the wake-up packet to the remote computer.

3. (Previously Presented) The method of claim 1, wherein the media access control address and the subnet mask are received from a dynamic host configuration protocol server and are stored in the data processing system.

4. (Previously Presented) The method of claim 1, wherein the dynamic host configuration protocol server obtains the media access control address and the subnet mask from a remote computer when the remote computer requests an address from the dynamic host configuration protocol server.

5. (Previously Presented) The method of claim 1, wherein the media access control address and the subnet are received from a user submitting the media access control address and the subnet mask and are stored in the data processing system.

6. (Original) The method of claim 1, wherein the data processing system is a domain name server.

7. (Previously Presented) The method of claim 1, wherein the media access control address and the subnet mask are stored together in a record for both a name-to-address file and an address-to-name file.

8.   (Currently Amended) A data processing system for providing host information, the data processing system comprising:

   receiving means for receiving, by the data processing system, a request for host information for a remote computer from a requestor wherein the request includes one of a host name or an Internet Protocol address and is received from the requestor;

   identifying means for identifying, by the data processing system, a media access control address and a subnet mask for the remote computer using the request; and

   returning means for returning, by the data processing system, a response to the requestor, wherein the response includes the media access control address and the subnet mask for the remote computer.

9.   (Original) The data processing system of claim 8, wherein the requestor generates a wake-up packet using the host information and sends the wake-up packet to the remote computer.

10.   (Previously Presented) The data processing system of claim 8, wherein the media access control address and the subnet mask are received from a dynamic host configuration protocol server and are stored in the data processing system.

11.   (Previously Presented) The data processing system of claim 8, wherein the dynamic host configuration protocol server obtains the media access control address and the subnet mask from a remote computer when the remote computer requests an address from the dynamic host configuration protocol server.

12.   (Previously Presented) The data processing system of claim 8, wherein the media access control address and the subnet are received from a user submitting the media access control address and the subnet mask and are stored in the data processing system.

13.   (Original) The data processing system of claim 8, wherein the data processing system is a domain name server.

14.   (Previously Presented) The data processing system of claim 8, wherein the media access control address and the subnet mask are stored together in a record for both a name-to-address file and an address-to-name file.

15.   (Currently Amended) A computer program product encoded in a computer readable <u>storage</u> medium and operable in a data processing system for providing host information, the computer program product comprising:

first instructions for receiving<u>, by the data processing system,</u> a request for host information for a remote computer from a requestor wherein the request includes one of a host name or an Internet Protocol address and is received from the requestor;

second instructions for identifying<u>, by the data processing system,</u> a media access control address and a subnet mask <u>for the remote computer</u> using the request; and

third instructions for returning<u>, by the data processing system,</u> a response to the requestor, wherein the response includes the media access control address and the subnet mask <u>for the remote computer</u>.

16.   (Original) The computer program product of claim 15, wherein the requestor generates a wake-up packet using the host information and sends the wake-up packet to the remote computer.

17.   (Previously Presented) The computer program product of claim 15, wherein the media access control address and the subnet mask are received from a dynamic host configuration protocol server and are stored in the data processing system.

18.   (Previously Presented) The computer program product of claim 15, wherein the dynamic host configuration protocol server obtains the media access control address and the subnet mask from a remote computer when the remote computer requests an address from the dynamic host configuration protocol server.

19.   (Previously Presented) The computer program product of claim 15, wherein the media access control address and the subnet are received from a user submitting the media access control address and the subnet mask and are stored in the data processing system.

20.   (Original) The computer program product of claim 15, wherein the data processing system is a domain name server.

21.   (New) The method of Claim 1, wherein the step of identifying a media access control address and a subnet mask using the request comprises identifying a media access control address and a subnet mask for the remote computer using the request, and wherein the step of returning a response to the requestor

comprises returning a response to the requestor, wherein the response includes the media access control address and the subnet mask for the remote computer.